IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s):

Young-Joon Rhee; Dong-Ho Lee; Chung-Hyo Lee

Assignee:

Samsung Electronics Co., Ltd.

Title:

Four Color Liquid Crystal Display And Panel Therefor

Application No.:

10/799,396

Filing Date:

March 12, 2004

Examiner:

Lucy P. Chien

Group Art Unit:

2871

Docket No.:

AB-1355 US

Confirmation No.:

7324

Irvine, California June 8, 2007

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATION OF MAILING

I hereby certify that the following Information Disclosure Statement AND SB/08A listings (10 pages) and 47 non-U.S Patent references are being sent via first class mail to the Patent and Trademark Office on the date shown below.

Dated: June 8, 2007

Monique M. Butler

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MacPherson Kwok Chen & Heid LLP 2033 Gateway Place Suite 400 San Jose, California 95110 Telephone: (949) 752-7040

Fax: (408) 392-9262



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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)

Dear Sir:

86/13/2007 AAHMADI 00000009 502257 10799398

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56.

Enclosed with this statement are the following:

- Form PTO/SB/08A/8B. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- A copy of each cited document as required by 37 C.F.R. §1.98 (except where otherwise indicated for a specific citation).

Complete copies are not submitted of U.S. applications per 37 C.F.R. §1.98(a)(2)(iii), and copies are not submitted of documents already cited or submitted in a parent application from which benefit under 35 U.S.C. §120 is claimed per 37 C.F.R. §1.98(d). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevancy is provided pursuant to 37 C.F.R. §1.98(a)(3). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. 57 F.R. 2021 (1/17/92). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement. 37 C.F.R. §1.98(c).

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This	statement sh	hould	be considered because:	
	This statem	nent qu	ualifies under 37 C.F.R. §1.9	97, subsection (b) because:
		(1)	It is being filed within 3 m	nonths of the application filing date;
		(2)		nonths of entry of a national stage;
		(3)		mailing date of a first Office action on the merits,
		(4)	It is being filed before the of an RCE	mailing date of a first Office action after the filing
	whic	hever	occurs last.	
\boxtimes	_	•	not qualify under subsection (c) because:	(b), this statement qualifies under 37 C.F.R.
		(1)	_	mailing date of a FINAL Office Action and before another action closing prosecution (whichever
			AND (check at l	east one of the following)
	\boxtimes	(1)	It is accompanied by the \$	180 fee set forth in 37 C.F.R. §1.17(p)
		(2)		RTIFICATION as set forth in 37 C.F.R. §1.97(e)
			not qualify under subsection (d) because:	(b) or (c), this statement qualifies under 37 C.F.R.
		(1)	It is accompanied by a CE AND	RTIFICATION as set forth in 37 C.F.R. §1.97(e);
		(2)	It is accompanied by a ST	ATEMENT TO ACCEPT INFORMATION ENT UNDER 37 C.F.R. §1.97(d);
		(3)		ee set forth in 37 C.F.R. §1.17(p);
		(4)		n paid prior to the submission.
\boxtimes	additional f	fees or	credit any overpayment ass	reby authorized to charge underpayment of any ociated with this communication to Deposit his authorization is enclosed.
the U	Jnited States Post	al Servic	spondence is being deposited with the as First Class Mail in an envelope or Patents, Washington, D.C. 20231,	Respectfully submitted,
	Atternet A	or Applie	June 8, 2007 cant(s) Date of Signature	Tom Chen Attorney for Applicant(s) Reg. No. 42,406
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PTO/SB/08A (07-05)

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/799,396				
Filing Date	March 12, 2004				
First Named Inventor	Young-Joon Rhee	·			
Art Unit	2871				
Examiner Name	Lucy P. Chien				
Attorney Docket Number	ΔR-1355 HS				

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 4,704,559	11-03-1987	Suginoya et al.	
·		^{US-} 5,585,951	12-17-1996	Noda et al.	
		US- 5,994,721	11-30-1999	Zhong et al.	
		^{US-} 6,365,916	04-02-2002	Zhong et al.	
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		FORE	IGN PATENT DOCU	JMENTS		
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ'
		JP 11-002810	01-06-1999	Toshiba Electron Eng Corp		
		JP 2000-137242	05-16-2000	Matsushita Electric Ind		
		JP 2000-162590	06-16-2000	Sharp Corp		
•		JP 2000-250066	09-14-2000	NEC Corp		
		JP 2001-117085	04-27-2001	NEC Corp		
		JP 2001-142095	05-25-2001	Sharp Corp.		

Examiner	Date	
Signature	Considered	
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Coi	mplete if Known	
Application Number	10/799,396	
Filing Date	March 12, 2004	
First Named Inventor	Young-Joon Rhee	
Art Unit	2871	
Examiner Name	Lucy P. Chien	
Attorney Docket Number	AB-1355 US	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
		JP 2001-174824	06-29-2001	NEC CORP.		
		JP 2001-202033	07-27-2001	NEC CORP.		
		JP 2001-281697	10-10-2001	TOSHIBA CORP.		
		JP 2002-040485	02-06-2002	HITACHI LTD		
		JP 2002-296618	10-09-2002	NEC CORP.		
		JP 06-095053	04-08-1994	SHARP CORP.		

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Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

Complete if Known					
Application Number	10/799,396				
Filing Date	March 12, 2004				
First Named Inventor	Young-Joon Rhee				
Art Unit	2871				
Examiner Name	Lucy P. Chien				
Attorney Docket Number	ΔR-1355 US				

Examiner	Cite	Dogument Number	U. S. PATENT D Publication Date	Name of Patentee or	Page Columns Lines Mihara
Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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		FOREIG	N PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
		JP 06-301057	10-28-1994	SEIKO EPSON CORP.		
		JP 08-122824	05-17-1996	SONY CORP.		
		JP 09-311347	12-02-1997	NEC CORP.		
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		KR 100297984	05-28-2001	LG. PHI;IPS LCD CO., LTD.		
		KR 100345960	07-12-2002	SAMSUNG ELECTRONICS		

Examiner	Date	
Signature	Considered	

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Sheet 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/799,396				
Filing Date	March 12, 2004				
First Named Inventor	Young-Joon Rhee				
Art Unit	2871				
Examiner Name	Lucy P. Chien				
Attorney Docket Number	AB-1355 US				

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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,	FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶		
		KR 1994-0003057	02-19-1994					
		KR 1019990034037	05-15-1999	SAMSUNG ELECTRONICS				
		KR 1999-0084316	12-06-1999					
		JP 10-186412	07-14-1998	SEIKO EPSON CORP.				
		JP 11337926	12-10-1999	CASIO COMPUT CO LTD				
		JP 2002-005350	02-20-2002	TENMO KODEN KOFUN YU				

Examiner	Date	
Signature	Considered	

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		Application Number	10/799,396				
INFORM	ATION DISCLOSURE	Filing Date	March 12, 2004				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor	Young-Joon Rhee					
		Art Unit	2871				
(Use as many sheets as necessary)		Examiner Name	Lucy P. Chien				
Shoot 5	of 8	Attorney Docket Number	AB-1355 US				

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FOREIG	N PATENT DOCU	JMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		KR 1020010009012 A	02-05-2001	SAMSUNG ELECTRONICS		
		KR 1020010010743 A	02-15-2001	SAMSUNG ELECTRONICS		
		KR 1020010046651 A	06-15-2001	LG. PHILIPS LCD CO. LTD.		
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		KR 1020010066368 A	07-11-2001	LG. PHILIPS LCD CO. LTD.		
		KR 1020010087657 A	09-21-2001	SAMSUNG ELECTRONICS		

Examiner	Date	
Signature	Considered	

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Substitute for form 1449/PTO		Complete il Milotti				
		Application Number	10/799,396			
IN	FORMATION DISCLOSURE	Filing Date	March 12, 2004			
		First Named Inventor	Young-Joon Rhee			
S	TATEMENT BY APPLICANT	Art Unit	2871			
	(Use as many sheets as necessary)	Examiner Name	Lucy P. Chien			
Sheet	6 of 8	Attorney Docket Number	AB-1355 US			

			U. S. PATENT D		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	IGN PATENT DOCL	JMENTS		
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		KR 1020020007037 A	01-26-2001	SAMSUNG ELECTRONICS		
		KR 1020020015835 A	03-02-2002	LG. PHILIPS LCD CO. LTD.		
		KR 1020020018883 A	03-09-2002	SAMSUNG ELECTRONICS		
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		KR 1020020037168A	05-18-2002	SAMSUNG ELECTRONICS		
		KR 1020020037492A	05-22-2002	SAMSUNG ELECTRONICS		

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Substitute for form 1449/PTO			Complete il Known			
			Application Number	10/799,396		
IK	IFORMATION DI	ISCI OSLIDE	Filing Date	March 12, 2004		
			First Named Inventor	Young-Joon Rhee		
S	TATEMENT BY A		Art Unit	2871		
	(Use as many sheets as	s necessary)	Examiner Name	Lucy P. Chien		
Sheet	7 of	8	Attorney Docket Number	AB-1355 US		

			U. S. PATENT D		
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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		FORE	IGN PATENT DOCU	JMENTS		
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		KR 1020020037493 A	05-22-2002	SAMSUNG SDI CO. LTD.		
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	Application Number	10/799,396	
INFORMATION DISCLOSURE	Filing Date March 12, 2004		
	First Named Inventor	Young-Joon Rhee	
STATEMENT BY APPLICANT	Art Unit	2871	
(Use as many sheets as necessary)	Examiner Name	Lucy P. Chien	

Sheet 8

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		Number-Kind Code ^{2 (# known)} US-			- I iguico / ippea/	
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶		
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